

WHAT IS CLAIMED IS:

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1. An absorbent article having a liquid-retentive absorbing layer, a liquid-impermeable leakproof layer, and standing gathers on each side thereof which have an elastically extensible portion coming into planar contact with the wearer's skin while worn, wherein said elastically extensible portion is made of a sheet and at least one elastic member, said elastic member being fixed to said sheet discretely in the longitudinal direction thereof in their stretched state, and the parts of said sheet where said elastic member is not fixed are raised by contraction of said elastic member to form a plurality of hollow ridges on the side of said elastically extensible portion to be brought into contact with the wearer's skin in a linear manner along the contraction direction of said elastic member, said hollow ridges each extending across the contraction direction of said elastic member.
2. An absorbent article according to claim 1, wherein said absorbent article is substantially oblong, said standing gathers are provided along each longer side of said absorbent article, and said plurality of ridges are a large number of ridges formed across the width of said elastically extensible portion.
3. An absorbent article according to claim 1, wherein said standing gathers on each side are composed of said elastically extensible portion and an upright portion, and said upright portion connects to the middle region in the width direction of said elastically extensible portion.
4. An absorbent article having a substantially oblong shape and comprising a liquid-retentive absorbing layer, a liquid-impermeable leakproof sheet, and standing gathers which are provided on each longer side thereof and have an elastically extensible portion coming into planar contact with the wearer's skin while worn, wherein said elastically extensible portion is made of a fiber aggregate containing at least one elastic member and has a large number of ridges formed on its side to be brought into contact with the wearer's skin across the width thereof, said fiber aggregate forming said ridges having a lower density than that forming valleys between every adjacent ridges.

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5. An absorbent article according to claim 4, wherein said fiber aggregate containing at least one elastic member is composed of two fiber aggregate layers and said at least one elastic member, and both of said two fiber aggregate layers protrude toward the wearer's skin.

5 6. An absorbent article according to claim 4, wherein said fiber aggregate containing at least one elastic member is composed of two fiber aggregate layers and at least one elastic member interposed between said two fiber aggregate layers, and said fiber aggregate has compressed parts and non-compressed parts or weakly compressed parts that have been compressed under a weaker pressure than imposed to form said
10 compressed parts, alternately, said non-compressed parts or weakly compressed parts corresponding to said ridges.

7. An absorbent article according to claim 6, wherein said two fiber aggregate layers are thermally fused together in said compressed parts.

15 8. An absorbent article according to claim 4, wherein the line connecting the apices of said ridges is wavy in a longitudinal section of said elastically extensible portion.

9. An absorbent article according to claim 4, wherein said standing gathers on each side are composed of said elastically extensible portion and an upright portion, and said upright portion connects to the middle region in the width direction of said elastically extensible portion.

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